A1775-1
1/31/89

American Gas Association

Gas Stats

Quarterly Report of Gas Industry Operations

Planning and Analysis

Department of Statistics
1515 Wilson Boulevard
Arlington Virginia 22209

Second Quarter 1988

Part 1. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending June 30, 1988 were $70,643 million, a 3.3 percent decrease from the same period a year ago. At the same time, operating expenses decreased 4.1 percent to $65,050 million. Total interest expense decreased 5.1 percent during the period and net income increased 4.8 percent.

Prices

Average U.S. residential gas prices fell from $5.73/MMBtu in the second quarter 1987 to $5.55/MMBtu in the second quarter 1988, a 3.1 percent decrease. Commercial gas prices decreased 5.9 percent while industrial prices decreased 8.1 percent during the same period.

Customers, Sales, Revenues

The total number of customers in the second quarter 1988 increased 1.6 percent over the second quarter 1987 to 52,430,700.

Total sales in the second quarter 1988 decreased 5.6 percent from the second quarter 1987, while the twelve months ending June 30, 1988 recorded a decrease of 1.7 percent from the twelve months ending June 30, 1987.

Second quarter 1988 total revenues decreased 5.8 percent from the second quarter 1987, while total revenues for the twelve months ending June 30, 1988 decreased 2.5 percent from the same period ending June 30, 1987.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 06/30/88	06/30/87	Percent Change 06/30/87-88
Total Operating Revenues	$ 70,643	$ 73,054	- 3.3
Operating Expenses:			
Operation Expenses	$ 55,072	$ 57,486	- 4.2
Maintenance Expenses	1,684	1,646	+ 2.3
Depreciation, Retirement, Depletion, Amortization, etc.	3,297	3,176	+ 3.8
Federal Income Taxes	1,757	2,309	- 23.9
All Other Taxes	3,240	3,195	+ 1.4
Total Operating Expenses	65,050	67,812	- 4.1
Operating Income	5,593	5,242	+ 6.7
Other Income - Net	1,154	1,554	- 25.7
Income Before Interest Charges	6,747	6,796	- 0.7
Interest on Long-term Debt	2,682	2,820	- 4.9
Other Interest Expense (Net)	905	960	- 5.6
Total Interest Expense	$ 3,587	$ 3,780	- 5.1
Net Income	$ 3,160	$ 3,016	+ 4.8
Utility Plant Value	$ 95,768	$ 91,799	+ 4.3
Accumulated Provision for Depreciation	$ 41,960	$ 37,558	+ 11.7

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

Table 1—Gas Utility Industry Customers, Sales and Revenues, United States, **SECOND** Quarter 1988

	Quarter Ending June 30		Percent Change	Twelve Months Ending June 30		Percent Change
	1988	1987		1988	1987	
CUSTOMERS (Thousands)						
Residential	48,139.4	47,377.8	+ 1.6	SEE		
Commercial	4,058.5	3,995.0	+ 1.6			
Industrial	178.4	180.3	- 1.0		QUARTERLY	
Electric Generation	0.5	0.5	-			
Other	53.9	53.7	+ 0.4			
TOTAL	52,430.7	51,607.3	+ 1.6			DATA
SALES (Trillions of Btu)						
Residential	790.6	749.8	+ 5.4	4,608.7	4,334.6	+ 6.3
Commercial	398.2	380.2	+ 4.7	2,235.4	2,155.8	+ 3.7
Industrial	480.4	510.7	- 5.9	2,186.8	2,389.3	- 8.5
Electric Generation	263.6	407.3	- 35.3	1,127.8	1,460.0	- 22.8
Other	28.2	28.7	- 1.7	162.5	156.9	+ 3.6
TOTAL	1,961.0	2,076.7	- 5.6	10,321.2	10,496.6	- 1.7
REVENUES (Thousands $)						
Residential	4,390,494	4,297,145	+ 2.1	24,152,284	23,584,855	+ 2.4
Commercial	1,857,428	1,883,166	- 1.4	10,367,221	10,287,805	+ 0.8
Industrial	1,362,419	1,577,288	- 13.6	7,026,231	8,027,080	- 12.5
Electric Generation	645,447	1,012,519	- 36.3	3,057,638	3,822,956	- 20.0
Other	96,976	99,643	- 2.7	553,817	576,822	- 4.0
TOTAL	8,352,764	8,869,761	- 5.8	45,157,191	46,299,518	- 2.5

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, **SECOND** Quarter 1988

	New England Division			Middle Atlantic Division			East North Central Division		
	Quarter Ending June 30		Percent Change	Quarter Ending June 30		Percent Change	Quarter Ending June 30		Percent Change
	1988	1987		1988	1987		1988	1987	
CUSTOMERS (Thousands)									
Residential	1,787.4	1,753.9	+ 1.9	8,012.6	7,905.1	+ 1.4	10,681.7	10,511.4	+ 1.6
Commercial	164.0	157.2	+ 4.3	642.4	624.1	+ 2.9	883.3	861.9	+ 2.5
Industrial	8.9	8.8	+ 1.0	25.5	26.2	- 2.8	48.3	48.4	- 0.3
Electric Generation	*	*	-	*	*	-	0.1	0.1	-
Other	4.1	4.4	- 6.4	11.4	11.3	+ 0.7	4.1	4.0	+ 3.2
TOTAL	1,964.4	1,924.3	+ 2.1	8,691.9	8,566.7	+ 1.5	11,617.5	11,425.8	+ 1.7
SALES (Trillions of Btu)									
Residential	34.8	32.1	+ 8.3	144.3	131.6	+ 9.6	208.9	203.4	+ 2.7
Commercial	20.8	19.5	+ 6.7	58.7	54.0	+ 8.7	70.6	74.6	- 5.3
Industrial	16.5	16.4	+ 0.5	39.4	46.0	- 14.4	47.2	59.2	- 20.2
Electric Generation	7.8	10.7	- 27.4	5.1	11.2	- 54.1	0.8	1.6	- 50.0
Other	0.6	0.8	- 30.2	6.6	6.0	+ 10.7	1.1	1.5	- 24.7
TOTAL	80.5	79.5	+ 1.1	254.1	248.8	+ 2.1	328.6	340.3	- 3.4
REVENUES (Thousands $)									
Residential	232,187	231,239	+ 0.4	886,403	876,412	+ 1.1	1,117,149	1,129,004	- 1.0
Commercial	110,330	112,708	- 2.1	303,786	307,600	- 1.2	329,921	367,191	- 10.1
Industrial	54,410	60,577	- 10.2	145,441	179,623	- 19.0	172,432	226,914	- 24.0
Electric Generation	17,049	24,991	- 31.8	13,474	28,852	- 53.3	2,867	5,761	- 50.2
Other	2,099	3,024	- 30.6	32,459	30,220	+ 7.4	4,707	5,997	- 21.5
TOTAL	416,075	432,539	- 3.8	1,381,563	1,422,707	- 2.9	1,627,076	1,734,867	- 6.2

*Less than 50 customers.

Table 2—Continued

West North Central Division

South Atlantic Division

East South Central Division

	Quarter Ending June 30		Percent Change	Quarter Ending June 30		Percent Change	Quarter Ending June 30		Percent Change
	1988	1987		1988	1987		1988	1987	
CUSTOMERS (Thousands)									
Residential	4,129.7	4,062.7	+ 1.7	4,344.8	4,225.2	+ 2.8	2,165.8	2,120.2	+ 2.2
Commercial	438.9	431.8	+ 1.7	400.0	382.4	+ 4.6	228.2	222.7	+ 2.5
Industrial	12.3	12.6	- 2.8	18.2	17.6	+ 3.4	6.3	6.3	- 0.1
Electric Generation	0.2	0.2	-	*	*	-	*	*	-
Other	1.9	1.9	0.0	8.6	8.6	- 0.1	11.9	11.8	+ 0.7
TOTAL	4,583.0	4,509.2	+ 1.6	4,771.6	4,633.8	+ 3.0	2,412.2	2,361.0	+ 2.2
SALES (Trillions of Btu)									
Residential	71.9	64.9	+ 10.8	59.1	60.0	- 1.4	29.0	30.1	- 3.6
Commercial	41.6	39.8	+ 4.5	46.8	48.7	- 3.8	18.8	19.2	- 2.2
Industrial	42.1	49.4	- 14.7	63.2	76.9	- 17.8	45.4	38.0	+ 19.5
Electric Generation	2.8	3.0	- 5.3	14.2	45.6	- 68.9	0.7	1.5	- 53.1
Other	1.1	1.0	+ 13.2	1.2	1.7	- 27.9	1.9	2.1	- 11.3
TOTAL	159.5	158.1	+ 0.9	184.5	232.9	- 20.7	95.8	90.9	+ 5.3
REVENUES (Thousands $)									
Residential	339,711	313,879	+ 8.2	370,055	396,374	- 6.6	163,599	174,264	- 6.1
Commercial	164,245	158,461	+ 3.7	224,860	246,936	- 8.9	84,271	91,699	- 8.1
Industrial	120,842	145,522	- 17.0	195,890	267,207	- 26.7	122,814	115,808	+ 6.1
Electric Generation	6,952	7,739	- 10.2	33,195	123,632	- 73.1	2,010	4,263	- 52.8
Other	3,840	3,124	+ 22.9	4,453	6,093	- 26.9	7,455	8,479	- 12.1
TOTAL	635,590	628,725	+ 1.1	828,453	1,040,242	- 30.4	380,149	394,513	- 3.6

*Less than 50 customers.

West South Central Division

Mountain Division

Pacific Division

	Quarter Ending June 30		Percent Change	Quarter Ending June 30		Percent Change	Quarter Ending June 30		Percent Change
	1988	1987		1988	1987		1988	1987	
CUSTOMERS (Thousands)									
Residential	5,371.8	5,345.1	+ 0.5	2,895.7	2,835.3	+ 2.1	8,749.9	8,618.9	+ 1.5
Commercial	485.1	489.0	- 0.8	297.7	291.2	+ 2.2	518.9	534.7	- 2.9
Industrial	18.3	18.6	- 1.7	4.7	4.8	- 1.6	35.9	37.0	- 2.9
Electric Generation	0.1	0.1	-	0.1	0.1	-	*	*	-
Other	8.4	8.3	+ 1.0	3.4	3.3	+ 1.7	0.1	0.1	0.0
TOTAL	5,883.7	5,861.1	+ 0.4	3,201.6	3,134.7	+ 2.1	9,304.8	9,190.7	+ 1.2
SALES (Trillions of Btu)									
Residential	62.9	65.7	- 4.2	49.5	48.4	+ 2.3	130.2	113.6	+ 14.6
Commercial	37.6	38.7	- 2.9	33.8	32.6	+ 3.8	69.5	53.1	+ 30.9
Industrial	118.1	139.8	- 15.5	15.0	15.7	- 4.4	93.5	69.3	+ 35.0
Electric Generation	85.8	185.6	- 53.7	1.6	2.7	- 40.0	144.8	145.4	- 0.4
Other	12.7	12.7	- 0.2	2.4	2.3	+ 5.5	0.6	0.6	+ 2.3
TOTAL	317.1	442.5	- 28.3	102.3	101.7	+ 0.6	438.6	382.0	+ 14.8
REVENUES (Thousands $)									
Residential	348,545	358,844	- 2.9	250,466	238,744	+ 4.9	682,379	578,385	+ 18.0
Commercial	163,262	166,356	- 1.9	145,951	137,236	+ 6.4	330,802	294,979	+ 12.1
Industrial	265,644	290,787	- 8.6	46,921	50,935	- 7.9	238,025	239,915	- 0.8
Electric Generation	222,050	429,331	- 48.3	6,284	8,517	- 26.2	341,566	379,433	- 10.0
Other	31,463	33,133	- 5.0	8,224	7,321	+ 12.3	2,276	2,252	+ 1.1
TOTAL	1,030,964	1,278,451	- 19.4	457,846	442,753	+ 3.4	1,595,048	1,494,964	+ 6.7

*Less than 50 customers.

Average Gas Prices for the Year Ending
June 30, 1988
($/MMBtu)

	Residential[1] Price	Residential[1] Percent Change*	Commercial Price	Commercial Percent Change*	Industrial Price	Industrial Percent Change*	Electric Generation Price	Electric Generation Percent Change*
US	5.24	- 3.7	4.64	- 2.8	3.21	- 4.4	2.71	+ 3.5
NE	6.73	- 4.3	5.59	- 5.9	3.98	- 5.5	2.34	- 0.7
MA	6.10	- 6.5	5.15	- 4.1	3.81	- 5.5	2.71	- 0.7
ENC	4.87	- 4.8	4.42	- 3.8	3.54	- 9.4	3.85	- 3.7
WNC	4.43	- 1.1	3.86	- 0.4	3.01	- 0.1	2.65	+ 3.1
SA	5.89	- 8.5	4.84	- 5.6	3.50	- 3.8	2.60	+ 15.1
ESC	5.27	- 0.1	4.71	+ 3.2	3.02	- 9.1	2.78	- 9.0
WSC	4.86	+ 0.1	4.18	+ 1.2	2.55	- 0.8	2.81	+ 6.1
M	4.73	- 1.4	4.17	- 1.4	3.17	- 3.5	3.21	+ 4.4
P	5.25	+ 2.7	5.27	- 3.1	3.34	- 3.4	2.66	+ 0.7

*Compared with the same year ending, June 30, 1987.

Average Gas Prices for the Second Quarter 1988

($/MMBtu)

	Residential 2nd Qtr 1988	Residential Percent Change*	Commercial 2nd Qtr 1988	Commercial Percent Change*	Industrial 2nd Qtr 1988	Industrial Percent Change*	Electric Generation 2nd Qtr 1988	Electric Generation Percent Change*
US	5.55	- 3.1	4.66	- 5.9	2.84	- 8.1	2.45	- 1.6
NE	6.66	- 7.2	5.36	- 8.3	3.30	- 10.6	2.20	- 6.0
MA	6.14	- 7.8	5.18	- 9.1	3.70	- 5.1	2.62	+ 1.6
ENC	5.35	- 3.6	4.67	- 5.1	3.65	- 4.7	3.58	- 0.6
WNC	4.72	- 2.5	3.95	- 0.7	2.87	- 2.7	2.45	- 5.0
SA	6.26	- 5.3	4.80	- 5.3	3.10	- 10.7	2.34	- 13.6
ESC	5.64	- 2.6	4.49	- 6.1	2.71	- 11.1	2.87	+ 1.1
WSC	5.54	+ 1.5	4.34	+ 0.9	2.25	+ 8.2	2.59	+ 12.1
M	5.06	+ 2.6	4.31	+ 2.4	3.12	- 3.7	3.93	+ 24.8
P	6.24	+ 2.9	4.76	- 14.4	2.55	- 26.1	2.36	- 9.6

*Compared with the same quarter in 1987.

APPLIANCE AND HOUSING STATISTICS
(Thousands)

APPLIANCE SHIPMENTS	1988 Second Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas	381.9	- 3.5	2,028.6	- 1.8
Oil[c]	26.9	- 10.3	201.5	- 3.0
Electric	81.3	- 20.7	329.1	- 15.0
Boilers				
Gas	31.9	- 1.8	192.4	- 3.7
Oil[c]	24.7	- 3.9	134.4	+ 0.7
Other Gas Heating Equipment				
Wall Furnaces	34.7	+ 20.1	166.2	- 10.0
Floor Furnaces	N/A	N/A	N/A	N/A
Recreational Vehicle Heating Systems	65.2	+ 3.2	235.4	+ 7.7
Major Appliances				
Residential Ranges				
Gas	508.3	+ 2.8	2,114.5	+ 4.0
Electric	759.0	- 8.2	3,200.5	- 4.8
Residential Water Heaters				
Gas[c]	978.5	+ 0.5	3,926.8	+ 2.6
Electric[c]	829.9	- 5.1	3,312.5	- 2.3
Commercial Water Heaters				
Gas[c]	52.1	- 11.7	199.7	- 3.8
Electric[c]	5.1	+ 6.3	18.4	+ 1.7
Clothes Dryers				
Gas	235.4	- 0.9	1,033.4	+ 1.7
Electric	828.7	- 2.5	3,554.3	+ 0.1
HOUSING				
Total Housing Starts	444.0	- 7.5	1,532.0	- 9.9
Single-Family Starts	324.0	- 6.4	1,102.0	- 5.2
Total Housing Completions (private)	377.0	- 9.2	1,581.0	- 9.7
Mobile Home Shipments	60.5	- 3.7	225.7	- 10.6

[a]Compared with same period in 1987.
[b]Past twelve months compared with same period a year ago.
[c]Data not expanded.

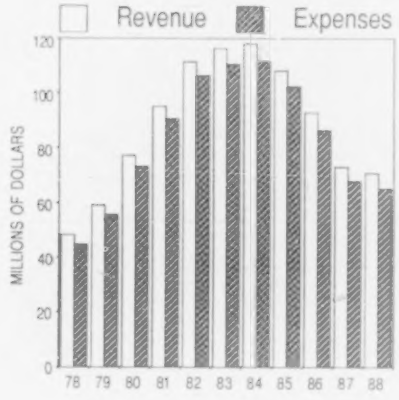
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
Association of Home Appliance Manufacturers, Newsline.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends

Second Quarter Select Statistics

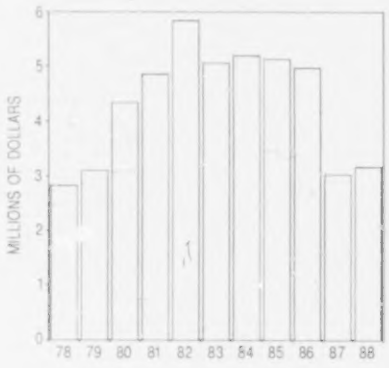
TOTAL OPERATING REVENUES & EXPENSES

12 MONTH PERIOD

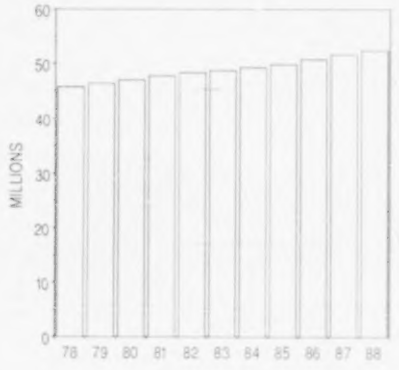


NET INCOME

12 MONTH PERIOD

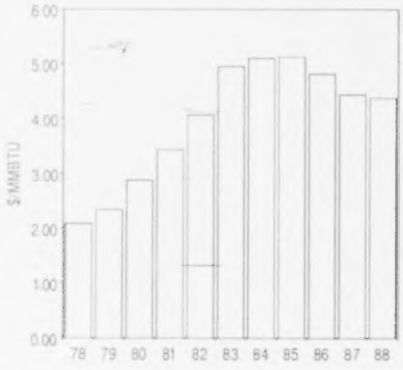


TOTAL GAS CUSTOMERS

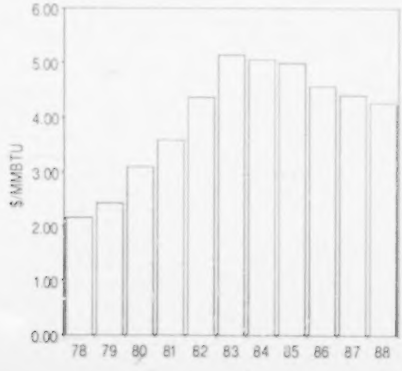


TOTAL INDUSTRY PRICES

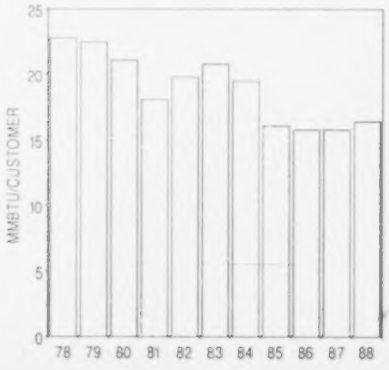
12 MONTH PERIOD



TOTAL INDUSTRY PRICES

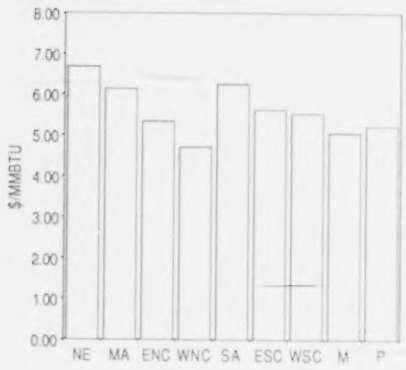


RESIDENTIAL CONSUMPTION

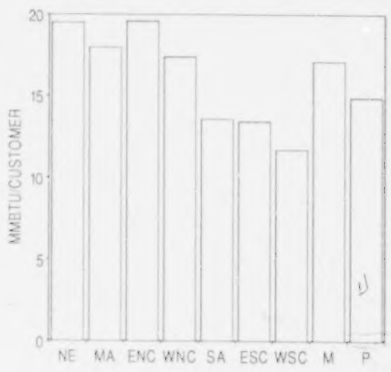


Second Quarter Select Statistics

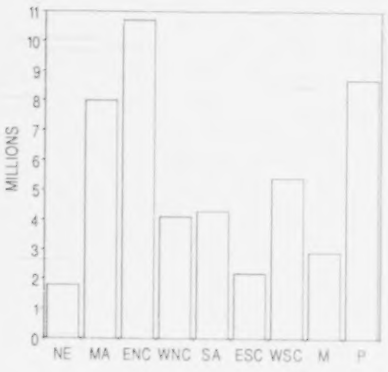
RESIDENTIAL PRICES



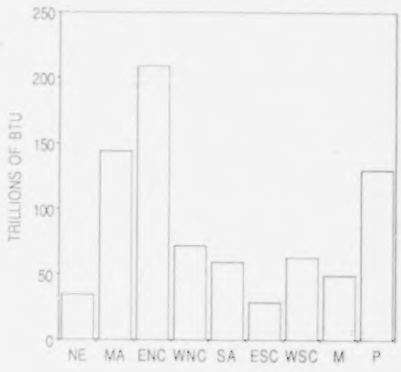
RESIDENTIAL CONSUMPTION



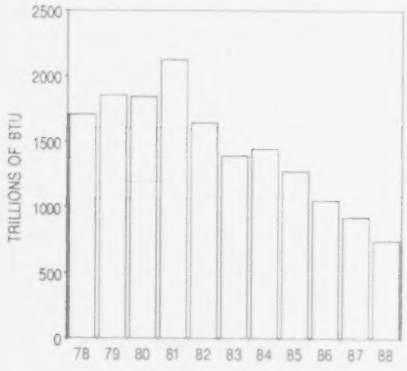
RESIDENTIAL CUSTOMERS



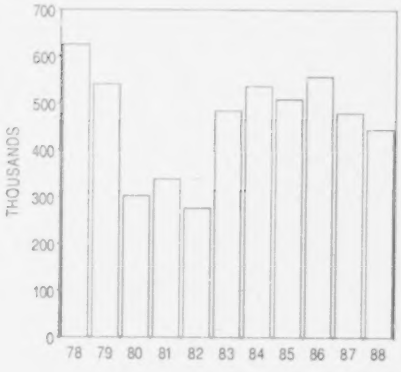
RESIDENTIAL SALES



INDUSTRIAL SALES



TOTAL HOUSING STARTS



AMERICAN GAS ASSOCIATION
EDITOR: Carole Williams-Hopkins (703) 841-8507

Catalog Number F00872
Printed in U.S.A.

A1775-1
1/9/89

American Gas Association

Planning and Analysis

Gas Stats

Quarterly Report of Gas Industry Operations

Department of Statistics
1515 Wilson Boulevard
Arlington, Virginia 22209

Third Quarter 1988

Part 1. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending September 30, 1988 were $71,467 million, a 0.5 percent decrease from the same period a year ago. At the same time, operating expenses decreased 1.0 percent to $65,919 million. Total interest expense decreased 2.6 percent during the period and net income increased 6.4 percent.

Prices

Average U.S. residential gas prices rose from $6.65/MMBtu in the third quarter 1987 to $6.68/MMBtu in the third quarter 1988, a 0.5 percent increase. Commercial gas prices decreased 6.0 percent while industrial prices decreased 8.4 percent during the same period.

Customers, Sales, Revenues

The total number of customers in the third quarter 1988 increased 1.8 percent over the third quarter 1987 to 52,093,100.

Total sales in the third quarter 1988 decreased 0.5 percent from the third quarter 1987, while the twelve months ending September 30, 1988 recorded a increase of 0.5 percent from the twelve months ending September 30, 1987.

Third quarter 1988 total revenues decreased 2.7 percent from the third quarter 1987, while total revenues for the twelve months ending September 30, 1988 decreased 1.1 percent from the same period ending September 30, 1987.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 9/30/88	9/30/87	Percent Change 9/30/87-88
Total Operating Revenues	$ 71,467	$ 71,826	- 0.5
Operating Expenses:			
Operation Expenses	$ 55,867	$ 56,374	- 0.9
Maintenance Expenses	1,661	1,651	+ 0.6
Depreciation, Retirement, Depletion, Amortization, etc.	3,287	3,173	+ 3.6
Federal Income Taxes	1,646	2,224	- 26.0
All Other Taxes	3,458	3,181	+ 8.7
Total Operating Expenses	65,919	66,603	- 1.0
Operating Income	5,548	5,223	- 6.2
Other Income - Net	1,382	1,612	- 14.3
Income Before Interest Charges	6,930	6,835	+ 1.4
Interest on Long-term Debt	2,738	2,820	- 2.9
Other Interest Expense (Net)	965	982	- 1.7
Total Interest Expense	$ 3,703	$ 3,802	- 2.6
Net Income	$ 3,227	$ 3,033	+ 6.4
Utility Plant Value	$ 97,161	$ 93,175	+ 4.3
Accumulated Provision for Depreciation	$ 42,570	$ 38,122	+ 11.7

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

Table 1—Gas Utility Industry Customers, Sales and Revenues, United States, **THIRD** Quarter 1988

	Quarter Ending September 30		Percent Change	Twelve Months Ending September 30		Percent Change
	1988	1987		1988	1987	
CUSTOMERS (Thousands)				SEE		
Residential	47,871.0	47,031.5	+ 1.8			
Commercial	3,992.3	3,907.8	+ 2.2			
Industrial	176.2	177.8	- 0.9		QUARTERLY	
Electric Generation	* 0.5	0.5	-			
Other	53.1	53.1	0.0			
TOTAL	52,093.1	51,170.7	+ 1.8			DATA
SALES (Trillions of Btu)						
Residential	372.7	377.2	- 1.2	4,600.8	4,325.7	+ 6.4
Commercial	260.3	249.9	+ 4.2	2,241.2	2,145.1	+ 4.5
Industrial	471.2	481.0	- 2.0	2,205.3	2,312.2	- 4.6
Electric Generation	501.8	502.1	- 0.1	1,267.8	1,479.5	- 14.3
Other	21.9	26.5	- 17.4	155.9	154.5	+ 0.9
TOTAL	1,627.9	1,636.7	- 0.5	10,471.0	10,417.0	+ 0.5
REVENUES (Thousands $)						
Residential	2,489,086	2,508,681	- 0.8	24,180,413	23,544,027	+ 2.7
Commercial	1,185,328	1,209,598	- 2.0	10,352,123	10,223,838	+ 1.3
Industrial	1,284,221	1,431,706	- 10.3	6,856,916	7,600,850	- 9.8
Electric Generation	1,290,924	1,260,125	+ 2.4	3,313,514	3,806,495	- 12.9
Other	57,707	72,671	- 20.6	524,071	546,947	- 4.2
TOTAL	6,307,266	6,482,781	- 2.7	45,227,037	45,722,157	- 1.1

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, **THIRD** Quarter 1988

New England Division

Middle Atlantic Division

East North Central Division

	Quarter Ending September 30		Percent Change	Quarter Ending September 30		Percent Change	Quarter Ending September 30		Percent Change
	1988	1987		1988	1987		1988	1987	
CUSTOMERS (Thousands)									
Residential	1,777.1	1,742.6	+ 2.0	8,003.9	7,891.1	+ 1.4	10,618.2	10,443.8	+ 1.7
Commercial	161.5	154.5	+ 4.5	637.6	620.0	+ 2.8	875.0	851.9	+ 2.7
Industrial	8.6	8.5	+ 1.7	25.1	25.8	- 2.9	48.1	47.9	+ 0.4
Electric Generation	*	*	-	*	*	-	0.1	0.1	-
Other	4.1	4.4	- 5.8	11.4	11.2	+ 1.5	3.9	3.9	+ 0.7
TOTAL	1,951.3	1,910.0	+ 2.2	8,678.0	8,548.1	+ 1.5	11,545.3	11,347.6	+ 1.7
SALES (Trillions of Btu)									
Residential	13.2	13.4	- 1.3	62.6	60.8	+ 2.9	93.7	94.2	- 0.6
Commercial	12.0	11.3	+ 6.5	33.1	32.5	+ 1.9	35.1	37.9	- 7.5
Industrial	18.1	13.7	+ 31.8	38.6	47.4	- 18.6	37.3	42.8	- 12.8
Electric Generation	7.0	24.8	- 71.8	13.3	22.7	- 41.5	1.9	1.5	+ 24.8
Other	0.4	0.5	- 19.0	3.1	3.6	- 13.7	1.3	1.1	+ 19.0
TOTAL	50.7	63.7	- 20.4	150.7	167.0	- 9.8	169.3	177.5	- 4.6
REVENUES (Thousands $)									
Residential	107,909	109,764	- 1.7	544,725	541,046	+ 0.7	573,517	571,802	+ 0.3
Commercial	56,534	60,322	- 6.3	177,205	184,877	- 4.1	169,477	181,582	- 6.7
Industrial	43,254	50,354	- 14.1	113,783	157,864	- 27.9	134,516	158,496	- 15.1
Electric Generation	21,549	56,235	- 61.7	36,661	63,020	- 41.8	6,740	5,373	+ 25.4
Other	1,638	2,408	- 32.0	14,071	16,759	- 16.0	4,599	4,141	+ 11.1
TOTAL	230,884	279,083	- 17.3	886,445	963,566	- 8.0	888,849	921,394	- 3.5

*Less than 50 customers.

Table 2—Continued

West North Central Division

South Atlantic Division

East South Central Division

	Quarter Ending September 30		Percent Change	Quarter Ending September 30		Percent Change	Quarter Ending September 30		Percent Change
	1988	1987		1988	1987		1988	1987	
CUSTOMERS (Thousands)									
Residential	4,099.8	4,035.2	+ 1.6	4,252.5	4,147.2	+ 2.5	2,119.2	2,072.2	+ 2.3
Commercial	432.3	425.2	+ 1.7	390.0	375.8	+ 3.8	213.0	207.2	+ 2.8
Industrial	12.4	12.7	- 2.3	17.7	17.3	+ 2.6	6.2	6.2	- 0.1
Electric Generation	0.2	0.2	-	*	*	-	*	*	-
Other	1.9	1.9	0.0	8.5	8.6	- 1.1	11.3	11.3	- 0.1
TOTAL	4,546.6	4,475.2	+ 1.6	4,668.7	4,548.9	+ 2.6	2,349.7	2,296.9	+ 2.3
SALES (Trillions of Btu)									
Residential	30.0	31.2	- 3.8	26.7	26.0	+ 2.7	13.8	13.9	- 0.5
Commercial	32.7	33.0	- 1.0	31.6	31.3	+ 0.8	12.2	12.4	- 1.5
Industrial	32.1	42.6	- 24.5	57.1	73.6	- 22.5	38.8	40.0	- 3.1
Electric Generation	3.9	3.9	+ 0.7	47.7	53.6	- 11.0	0.9	2.3	- 62.0
Other	0.9	0.6	+ 58.0	1.4	1.8	- 21.2	0.9	1.0	- 6.6
TOTAL	99.6	111.3	- 10.5	164.5	186.3	- 11.7	66.6	69.6	- 4.3
REVENUES (Thousands $)									
Residential	177,861	182,478	- 2.5	193,956	195,127	- 0.6	93,858	92,672	+ 1.3
Commercial	126,590	126,945	- 0.3	151,121	152,478	- 0.9	56,508	57,602	- 1.9
Industrial	86,685	123,571	- 29.8	176,745	250,454	- 29.4	109,046	113,767	- 4.1
Electric Generation	10,652	9,739	+ 9.4	119,605	150,144	- 20.3	1,778	7,332	- 75.7
Other	2,470	1,800	+ 37.2	4,871	5,867	- 17.0	4,502	4,959	- 9.2
TOTAL	404,258	444,533	- 9.1	646,298	754,070	- 14.3	265,692	276,332	- 3.8

*Less than 50 customers.

West South Central Division

Mountain Division

Pacific Division

	Quarter Ending September 30		Percent Change	Quarter Ending September 30		Percent Change	Quarter Ending September 30		Percent Change
	1988	1987		1988	1987		1988	1987	
CUSTOMERS (Thousands)									
Residential	5,332.6	5,286.1	+ 0.9	2,870.2	2,818.6	+ 1.8	8,797.5	8,594.7	+ 2.4
Commercial	471.2	472.6	- 0.3	292.6	285.4	+ 2.5	519.1	515.2	+ 0.8
Industrial	18.0	18.5	- 2.7	4.7	4.7	+ 0.6	35.4	36.2	- 2.1
Electric Generation	0.1	0.1	-	0.1	0.1	-	*	*	-
Other	8.6	8.4	+ 1.9	3.3	3.3	+ 0.8	0.1	0.1	0.0
TOTAL	5,830.5	5,785.7	+ 0.8	3,170.9	3,112.1	+ 1.9	9,352.1	9,146.2	+ 2.3
SALES (Trillions of Btu)									
Residential	37.4	37.5	- 0.3	20.5	20.7	- 1.0	74.8	79.5	- 5.9
Commercial	29.1	28.5	2.3	18.4	18.4	+ 0.1	56.1	44.6	+ 25.7
Industrial	116.9	137.2	- 14.8	13.8	14.4	- 4.0	118.5	69.3	+ 71.0
Electric Generation	254.5	251.9	+ 1.0	2.8	5.3	- 47.9	169.8	136.1	+ 24.8
Other	12.4	16.1	- 22.8	1.2	1.2	- 2.3	0.3	0.6	- 54.4
TOTAL	450.3	471.2	- 4.4	56.7	60.0	- 5.5	419.5	330.1	+ 27.1
REVENUES (Thousands $)									
Residential	244,259	236,982	+ 3.1	125,458	126,000	- 0.4	427,543	452,810	- 5.6
Commercial	136,056	120,297	+ 13.1	81,426	81,467	- 0.1	230,411	244,028	- 5.6
Industrial	272,746	287,585	- 5.2	43,275	46,492	- 6.9	304,171	243,123	+ 25.1
Electric Generation	624,063	599,081	+ 4.2	7,425	13,995	- 46.9	462,451	355,206	+ 30.2
Other	20,948	31,186	- 32.8	3,673	3,743	- 1.9	935	1,808	- 48.3
TOTAL	1,298,072	1,275,131	+ 1.8	261,257	271,697	- 3.8	1,425,511	1,296,975	+ 9.9

*Less than 50 customers.

Average Gas Prices for the Third Quarter 1988

($/MMBtu)

	Residential		Commercial		Industrial		Electric Generation	
	3rd Qtr 1988	Percent Change*	3rd Qtr 1988	Percent Change*	3rd Qtr 1988	Percent Change*	3rd Qtr 1988	Percent Change*
US	6.68	+ 0.5	4.55	- 6.0	2.73	- 8.4	2.57	+ 2.4
NE	8.17	- 0.2	4.71	- 11.8	2.39	- 35.1	3.08	+ 35.7
MA	8.70	- 2.2	5.35	- 6.0	2.95	- 11.4	2.76	- 0.7
ENC	6.12	+ 0.8	4.83	+ 0.8	3.61	- 2.4	3.55	- 0.8
WNC	5.93	+ 1.4	3.87	+ 0.5	2.70	- 6.9	2.73	+ 9.2
SA	7.26	- 3.2	4.78	- 1.8	3.10	- 8.8	2.51	- 10.4
ESC	6.80	+ 1.9	4.63	- 0.4	2.81	- 1.1	1.98	- 37.9
WSC	6.53	+ 3.3	4.68	+ 10.9	2.33	+ 11.0	2.45	+ 2.9
M	6.12	+ 0.5	4.43	0.0	3.14	- 2.8	2.65	+ 0.4
P	5.72	+ 0.3	4.11	- 24.9	2.21	- 37.0	2.72	+ 4.2

*Compared with the same quarter in 1987.

Average Gas Prices for the Year Ending September 30, 1988

($/MMBtu)

	Residential		Commercial		Industrial		Electric Generation	
	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*
US	5.26	- 3.4	4.62	- 3.1	3.11	- 5.4	2.61	+ 1.6
NE	6.72	- 3.7	5.49	- 6.2	3.63	- 12.8	2.53	+ 8.6
MA	6.16	- 6.1	5.13	- 4.1	3.64	- 6.7	2.80	+ 0.8
ENC	4.69	- 4.2	4.45	- 3.2	3.59	- 7.5	3.81	- 1.9
WNC	4.44	- 0.7	3.89	+ 2.3	2.96	+ 0.7	2.65	+ 4.2
SA	5.86	- 8.5	4.86	- 5.1	3.46	- 6.6	2.57	+ 1.1
ESC	5.28	- 0.3	4.70	+ 3.5	3.03	- 5.8	2.13	- 30.4
WSC	4.86	- 0.3	4.23	+ 2.0	2.45	+ 2.0	2.53	+ 2.0
M	4.72	- 1.5	4.18	- 1.2	3.18	- 2.2	3.36	+ 10.9
P	5.25	+ 2.2	5.02	- 8.6	3.05	- 12.2	2.67	+ 0.2

*Compared with the same year ending, September 30, 1987.

APPLIANCE AND HOUSING STATISTICS
(Thousands)

APPLIANCE SHIPMENTS	1988 Third Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas	618.3	+ 4.1	2,053.2	- 2.0
Oil[c]	69.5	+ 3.7	204.0	- 4.2
Electric	75.8	- 20.0	310.1	- 19.5
Boilers				
Gas	62.8	+ 20.5	203.0	+ 5.5
Oil[c]	43.2	+ 15.5	140.3	+ 5.2
Other Gas Heating Equipment				
Wall Furnaces	49.1	+ 29.6	177.4	+ 5.2
Floor Furnaces	N/A	N/A	N/A	N/A
Recreational Vehicle Heating Systems	56.0	- 1.2	234.7	+ 1.9
Major Appliances				
Residential Ranges				
Gas	527.5	+ 1.9	2,124.4	+ 2.2
Electric	801.9	- 7.2	3,138.0	- 7.1
Residential Water Heaters				
Gas[c]	897.7	- 0.1	3,925.8	+ 1.4
Electric[c]	838.4	+ 2.7	3,298.3	- 2.8
Commercial Water Heaters				
Gas[c]	N/A	N/A	N/A	N/A
Electric[c]	4.6	+ 2.2	18.5	+ 1.1
Clothes Dryers				
Gas	276.6	+ 1.4	1,037.2	- 0.6
Electric	917.3	- 0.5	3,549.7	- 1.3
HOUSING				
Total Housing Starts	402.0	- 10.3	1,486.0	- 10.5
Single-Family Starts	293.0	- 8.7	1,074.0	- 7.3
Total Housing Completions (private)	412.0	- 0.2	1,554.0	- 9.8
Mobile Home Shipments	59.2	- 8.5	220.2	- 6.5

[a]Compared with same period in 1987.
[b]Past twelve months compared with same period a year ago.
[c]Data not expanded.

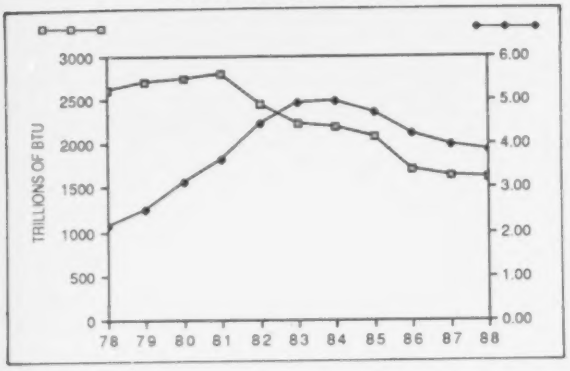
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
Association of Home Appliance Manufacturers, Newsline.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends

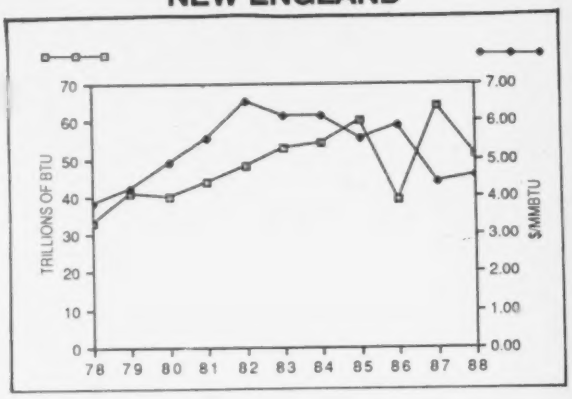
THIRD QUARTER GAS UTILITY SALES & PRICES

SALES PRICES

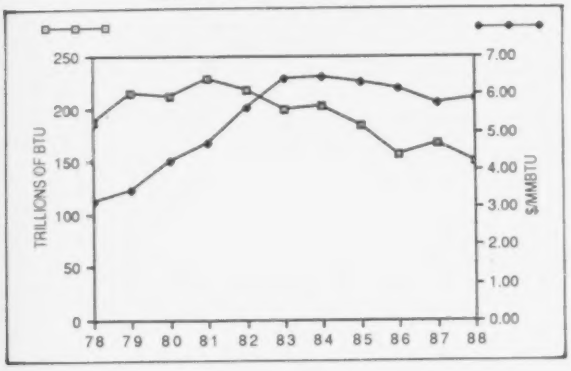
UNITED STATES



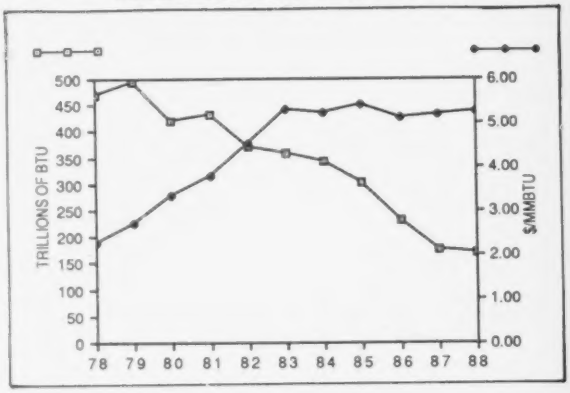
NEW ENGLAND



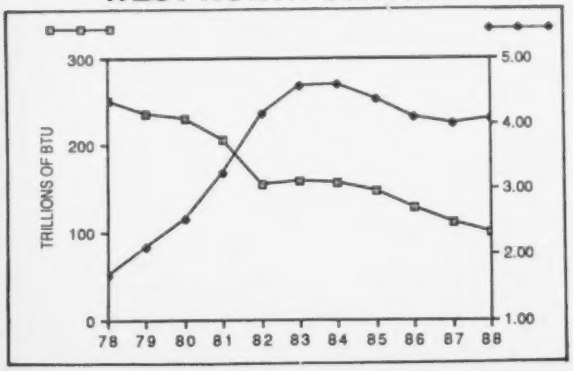
MIDDLE ATLANTIC



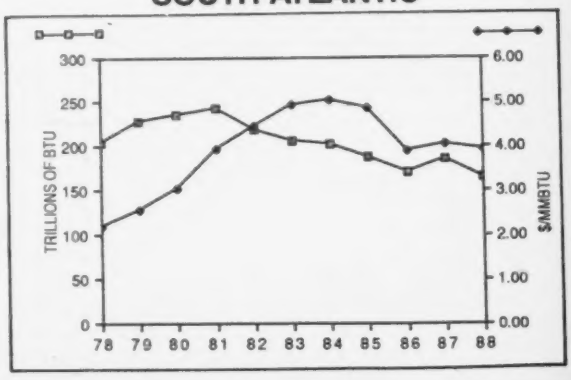
EAST NORTH CENTRAL



WEST NORTH CENTRAL



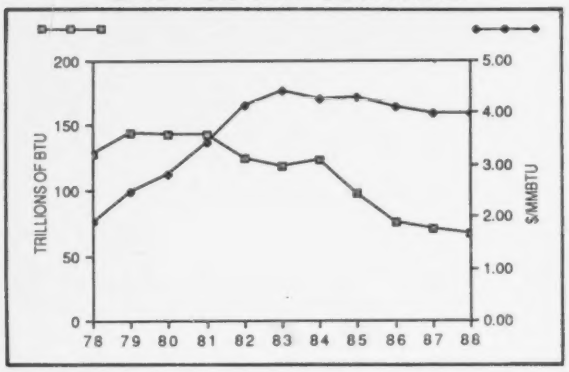
SOUTH ATLANTIC



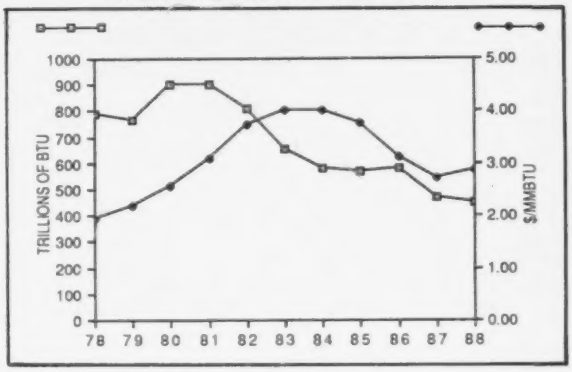
THIRD QUARTER GAS UTILITY SALES & PRICES

SALES PRICES

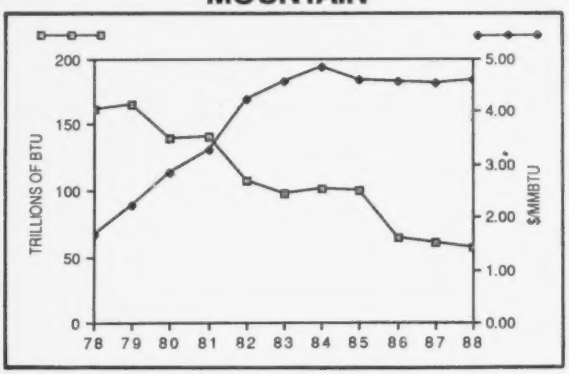
EAST SOUTH CENTRAL



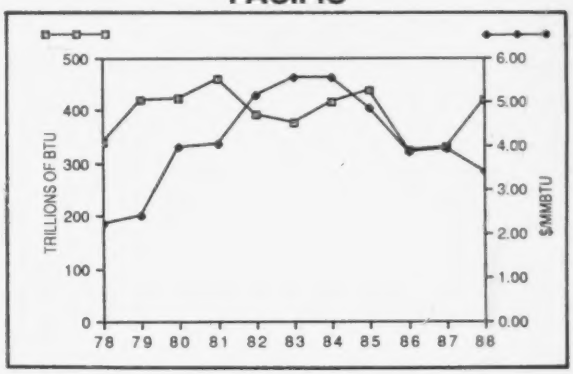
WEST SOUTH CENTRAL



MOUNTAIN



PACIFIC



AMERICAN GAS ASSOCIATION
Department of Statistics
1515 Wilson Boulevard
Arlington, Virginia 22209

Editor—Carole Williams-Hopkins
703/841-8507

Printed in U.S.A.
Catalog Number F00872

AGA American Gas Association

Planning and Analysis

Gas Stats

Quarterly Report of Gas Industry Operations

Department of Statistics
1515 Wilson Boulevard
Arlington, Virginia 22209

Fourth Quarter 1988

Part 1. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending December 31, 1988 were $71,308 million, a 2.4 percent increase from the same period a year ago. At the same time, operating expenses increased 2.6 percent to $66,118 million. Total interest expense increased 1.7 percent during the period and net income increased 5.7 percent.

Prices

Average U.S. residential gas prices rose from $5.24/MMBtu in the fourth quarter 1987 to $5.38/MMBtu in the fourth quarter 1988, a 2.7 percent increase. Commercial gas prices increased 1.7 percent while industrial prices increased 0.7 percent during the same period.

Customers, Sales, Revenues

The total number of customers in the fourth quarter 1988 increased 2.5 percent over the fourth quarter 1987 to 53,096,400.

Total sales in the fourth quarter 1988 decreased 0.1 percent from the fourth quarter 1987, while the twelve months ending December 31, 1988 recorded a increase of 1.4 percent from the twelve months ending December 31, 1987.

Fourth quarter 1988 total revenues increased 5.1 percent from the fourth quarter 1987, while total revenues for the twelve months ending December 31, 1988 increased 1.9 percent from the same period ending December 31, 1987.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 12/31/88	12/31 87	Percent Change 12/31/87-88
Total Operating Revenues	$ 71,308	$ 69,637	+ 2.4
Operating Expenses:			
Operation Expenses	$ 56,176	$ 54,381	+ 3.3
Maintenance Expenses	1,741	1,661	+ 4.8
Depreciation, Retirement, Depletion, Amortization, etc.	3,374	3,171	+ 6.4
Federal Income Taxes	1,627	2,067	- 21.3
All Other Taxes	3,200	3,159	+ 1.3
Total Operating Expenses	66,118	64,439	+ 2.6
Operating Income	5,190	5,198	- 0.2
Other Income - Net	1,966	1,718	+ 14.4
Income Before Interest Charges	7,156	6,916	+ 3.5
Interest on Long-term Debt	2,804	2,824	- 0.7
Other Interest Expense (Net)	1,109	1,024	+ 8.3
Total Interest Expense	$ 3,913	$ 3,848	+ 1.7
Net Income	$ 3,243	$ 3,068	+ 5.7
Utility Plant Value	$ 98,778	$ 93,568	+ 5.6
Accumulated Provision for Depreciation	$ 43,279	$ 40,996	+ 5.6

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

Table 1—Gas Utility Industry Customers, Sales and Revenues, United States, **FOURTH** Quarter 1988

	Quarter Ending December 31		Percent	Twelve Months Ending December 31		Percent
	1988	1987	Change	1988	1987	Change
CUSTOMERS (Thousands)						
Residential	48,755.8	47,578.8	+ 2.5	SEE		
Commercial	4,107.9	3,989.9	+ 3.0			
Industrial	179.0	178.7	+ 0.2		QUARTERLY	
Electric Generation	0.5	0.5	-			
Other	53.2	53.9	- 1.3			
TOTAL	53,096.4	51,801.8	+ 2.5			DATA
SALES (Trillions of Btu)						
Residential	1,352.9	1,247.0	+ 8.5	4,747.4	4,384.8	+ 8.3
Commercial	638.7	606.6	+ 5.3	2,305.8	2,155.8	+ 7.0
Industrial	581.1	625.5	- 7.1	2,251.3	2,338.8	- 3.7
Electric Generation	234.7	334.6	- 29.9	1,229.3	1,509.1	- 18.5
Other	47.2	45.0	+ 4.9	157.5	154.7	+ 1.8
TOTAL	2,854.6	2,858.7	- 0.1	10,691.3	10,543.2	+ 1.4
REVENUES (Thousands $)						
Residential	7,278,122	6,534,113	+ 11.4	25,157,839	23,621,876	+ 6.5
Commercial	3,013,646	2,815,428	+ 7.0	10,782,963	10,271,326	+ 5.0
Industrial	1,792,638	1,914,228	- 6.4	6,738,914	7,278,931	- 7.4
Electric Generation	607,665	821,728	- 26.0	3,141,272	3,790,124	- 17.1
Other	166,381	147,536	+ 12.8	541,141	529,667	+ 2.2
TOTAL	12,858,452	12,233,033	+ 5.1	46,362,129	45,491,924	+ 1.9

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, **FOURTH** Quarter 1988

New England Division

	Quarter Ending December 31		Percent
	1988	1987	Change
CUSTOMERS (Thousands)			
Residential	1,800.7	1,761.8	+ 2.2
Commercial	166.7	158.8	+ 5.0
Industrial	8.8	8.8	- 0.1
Electric Generation	*	*	-
Other	4.0	4.4	- 8.2
TOTAL	1,980.2	1,933.8	+ 2.4
SALES (Trillions of Btu)			
Residential	45.0	42.4	+ 6.1
Commercial	26.3	25.4	+ 3.5
Industrial	16.0	16.7	- 3.9
Electric Generation	2.1	9.6	- 78.0
Other	0.7	0.8	- 15.0
TOTAL	90.1	94.9	- 5.0
REVENUES (Thousands $)			
Residential	316,945	279,789	+ 13.3
Commercial	143,193	138,874	+ 3.1
Industrial	69,929	70,429	- 0.7
Electric Generation	5,556	24,593	- 77.4
Other	3,485	4,417	- 21.1
TOTAL	539,108	518,102	+ 4.1

Middle Atlantic Division

	Quarter Ending December 31		Percent
	1988	1987	Change
CUSTOMERS (Thousands)			
Residential	8,017.9	7,916.6	+ 1.3
Commercial	644.4	626.9	+ 2.8
Industrial	24.8	25.6	- 3.2
Electric Generation	*	*	-
Other	11.4	11.3	+ 1.0
TOTAL	8,698.5	8,580.4	+ 1.4
SALES (Trillions of Btu)			
Residential	239.1	220.9	+ 8.2
Commercial	100.6	92.4	+ 8.9
Industrial	51.6	58.6	- 11.9
Electric Generation	1.7	6.9	- 74.8
Other	10.7	10.0	+ 6.8
TOTAL	403.7	388.8	+ 3.8
REVENUES (Thousands $)			
Residential	1,545,819	1,391,126	+ 11.1
Commercial	529,032	480,720	+ 10.1
Industrial	203,095	226,492	- 10.3
Electric Generation	5,429	18,720	- 71.0
Other	50,162	45,224	+ 10.9
TOTAL	2,333,537	2,162,282	+ 7.9

East North Central Division

	Quarter Ending December 31		Percent
	1988	1987	Change
CUSTOMERS (Thousands)			
Residential	10,761.2	10,590.7	+ 1.6
Commercial	896.2	871.1	+ 2.9
Industrial	49.9	48.9	+ 2.0
Electric Generation	0.1	0.1	-
Other	3.9	3.9	0.0
TOTAL	11,711.3	11,514.7	+ 1.7
SALES (Trillions of Btu)			
Residential	464.7	424.4	+ 9.5
Commercial	177.3	164.3	+ 7.9
Industrial	85.1	90.1	- 5.6
Electric Generation	1.3	1.1	+ 17.6
Other	3.0	2.8	+ 7.7
TOTAL	731.4	682.7	+ 7.1
REVENUES (Thousands $)			
Residential	2,307,756	2,043,890	+ 12.9
Commercial	801,456	719,246	+ 11.4
Industrial	328,282	327,659	+ 0.2
Electric Generation	4,493	3,846	+ 16.8
Other	11,746	10,169	+ 15.5
TOTAL	3,453,733	3,104,810	+ 11.2

*Less than 50 customers.

Table 2—Continued

West North Central Division

South Atlantic Division

East South Central Division

	Quarter Ending December 31 1988	1987	Percent Change	Quarter Ending December 31 1988	1987	Percent Change	Quarter Ending December 31 1988	1987	Percent Change
CUSTOMERS (Thousands)									
Residential	5,373.2	5,331.1	+ 0.8	2,961.8	2,862.7	+ 3.5	8,895.4	8,681.8	+ 2.5
Commercial	479.4	482.7	- 0.7	300.8	291.1	+ 3.3	525.9	519.8	+ 1.2
Industrial	17.8	18.2	- 2.3	4.8	4.6	+ 3.9	35.6	36.1	- 1.5
Electric Generation	0.1	0.1	-	0.1	0.1	-	*	*	-
Other	8.8	8.5	+ 3.1	3.4	3.3	+ 3.0	0.1	0.1	0.0
TOTAL	5,879.3	5,840.6	+ 0.7	3,270.9	3,161.3	+ 3.5	9,457.0	9,237.8	+ 2.4
SALES (Trillions of Btu)									
Residential	95.3	103.5	- 7.9	66.7	60.2	+ 10.9	165.3	145.3	+ 13.8
Commercial	52.1	56.7	- 8.0	42.9	40.0	+ 7.2	69.6	65.2	+ 6.7
Industrial	158.6	163.7	- 3.1	18.1	17.2	+ 5.1	83.5	83.1	+ 0.5
Electric Generation	123.1	132.6	- 7.2	1.8	2.1	- 13.0	93.1	135.7	- 31.4
Other	22.6	20.6	+ 9.6	3.0	3.1	- 4.7	0.8	0.7	+ 13.7
TOTAL	451.7	477.1	- 5.3	132.5	122.6	+ 8.1	412.3	430.0	- 4.1
REVENUES (Thousands $)									
Residential	497,700	508,168	- 2.1	325,727	294,429	+ 10.6	853,864	745,342	+ 14.6
Commercial	233,737	241,864	- 3.4	181,331	171,699	+ 5.6	360,550	355,362	+ 1.5
Industrial	343,140	319,200	+ 7.5	52,344	57,515	- 9.0	262,986	291,720	- 9.8
Electric Generation	260,259	269,978	- 3.6	5,993	7,980	- 24.9	293,020	370,677	- 20.9
Other	61,311	48,892	+ 25.4	11,322	10,665	+ 6.2	3,110	2,717	+ 14.5
TOTAL	1,396,147	1,388,102	+ 0.6	576,717	542,288	+ 6.3	1,773,530	1,765,818	+ 0.4

*Less than 50 customers.

West South Central Division

Mountain Division

Pacific Division

	Quarter Ending December 31 1988	1987	Percent Change	Quarter Ending December 31 1988	1987	Percent Change	Quarter Ending December 31 1988	1987	Percent Change
CUSTOMERS (Thousands)									
Residential	4,146.4	4,089.6	+ 1.4	4,637.4	4,227.7	+ 9.7	2,161.8	2,117.3	+ 2.1
Commercial	440.0	432.0	+ 1.9	425.7	384.5	+ 10.7	228.8	223.0	+ 2.6
Industrial	12.6	12.6	+ 0.1	18.6	17.7	+ 5.1	6.1	6.2	- 0.8
Electric Generation	0.2	0.2	- 9.9	*	*	-	*	*	-
Other	1.9	1.9	0.0	7.8	8.5	- 8.3	11.9	12.0	- 0.4
TOTAL	4,601.1	4,536.3	+ 1.4	5,089.5	4,638.4	+ 9.7	2,408.6	2,358.5	+ 2.1
SALES (Trillions of Btu)									
Residential	129.6	119.4	+ 8.5	100.0	86.0	+ 16.3	47.2	44.9	+ 5.1
Commercial	72.2	70.1	+ 3.0	67.6	62.9	+ 7.4	30.1	29.6	+ 1.8
Industrial	45.1	65.0	- 30.6	81.1	86.2	- 5.9	42.0	44.9	- 6.4
Electric Generation	1.6	2.6	- 38.5	9.8	43.4	- 77.4	0.2	0.6	- 70.8
Other	1.4	1.5	- 8.7	1.6	2.2	- 25.6	3.4	3.3	+ 3.0
TOTAL	249.9	258.6	- 3.4	260.1	280.7	- 7.4	122.9	123.3	- 0.3
REVENUES (Thousands $)									
Residential	581,136	527,874	+ 10.1	612,954	513,663	+ 19.3	236,221	229,832	+ 2.8
Commercial	292,416	271,409	+ 7.7	340,419	305,747	+ 11.3	131,512	130,507	+ 0.8
Industrial	138,366	191,061	- 27.6	268,976	296,164	- 9.2	125,520	133,988	- 6.3
Electric Generation	4,426	6,850	- 35.4	28,006	116,934	- 76.0	483	2,150	- 77.5
Other	5,010	4,970	+ 0.8	7,161	7,727	- 7.3	13,074	12,755	+ 2.5
TOTAL	1,021,354	1,002,164	+ 1.9	1,257,516	1,240,235	+ 1.4	506,810	509,232	- 0.5

*Less than 50 customers.

Average Gas Prices for the Fourth Quarter 1988
($/Mcf)

	Residential		Commercial		Industrial		Electric Generation	
	4th Qtr 1988	Percent Change*	4th Qtr 1988	Percent Change*	4th Qtr 1988	Percent Change*	4th Qtr 1988	Percent Change*
US	5.30	+ 2.7	4.72	+ 1.7	3.00	+ 0.7	2.59	+ 5.1
NE	7.04	+ 6.7	5.44	- 0.5	4.17	+ 3.6	2.65	+ 3.9
MA	6.47	+ 2.7	5.26	+ 1.2	3.86	+ 1.6	3.19	+ 17.7
ESC	4.97	+ 1.1	4.52	+ 3.2	3.46	+ 0.9	3.46	- 1.1
WNC	4.49	+ 1.6	4.05	+ 4.7	3.07	+ 4.4	2.77	+ 5.1
SA	6.13	+ 2.7	5.04	+ 3.7	3.32	- 1.5	2.46	+ 6.1
ESC	5.01	- 2.1	4.13	- 0.9	2.99	+ 0.4	2.42	- 10.4
WSC	5.22	+ 6.3	4.49	+ 5.2	2.16	+ 10.8	2.11	+ 1.4
M	4.98	- 0.2	4.23	- 1.4	2.89	- 13.5	3.33	- 12.4
P	5.16	+ 0.6	5.18	- 4.9	3.15	- 15.3	3.15	+ 15.4

*Compared with the same quarter in 1987.

Average Gas Prices for the Year Ending
December 31, 1988
($/Mcf)

	Residential		Commercial		Industrial		Electric Generation	
	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*
US	5.30	- 1.6	4.68	- 1.8	2.99	- 3.8	2.56	+ 1.7
NE	6.98	- 0.5	5.48	- 4.4	3.65	- 11.3	2.60	+ 3.5
MA	6.14	- 3.1	5.33	- 1.5	3.75	- 4.1	2.81	+ 2.3
ESC	4.96	- 1.6	4.51	- 1.0	3.75	- 1.6	3.63	+ 3.5
WNC	4.52	+ 0.2	4.02	+ 3.3	3.01	+ 1.7	2.76	+ 6.3
SA	5.91	- 0.7	4.91	- 3.0	3.29	- 6.0	2.56	- 5.2
ESC	5.15	- 1.9	4.63	+ 2.1	2.94	- 3.1	3.41	- 22.7
WSC	4.99	+ 1.4	4.35	+ 3.1	3.16	+ 0.3	2.36	+ 2.2
M	4.73	- 0.7	4.21	- 0.4	3.15	- 4.7	3.14	+ 3.9
P	5.25	- 1.7	4.92	- 10.2	3.24	- 15.9	2.72	+ 2.5

*Compared with the same year ending, December 31, 1987.

APPLIANCE AND HOUSING STATISTICS
(Thousands)

APPLIANCE SHIPMENTS	1988 Fourth Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas	652.5	+ 6.4	2,092.2	+ 0.9
Oil[c]	67.6	- 0.3	203.8	- 1.3
Electric	59.7	- 22.1	293.1	- 21.9
Boilers				
Gas	76.8	+ 12.1	211.3	+ 11.4
Oil[c]	48.7	+ 8.7	144.2	+ 7.0
Other Gas Heating Equipment				
Wall Furnaces	58.8	- 6.7	173.2	+ 4.0
Floor Furnaces	7.5	+ 8.7	20.3	+ 3.0
Recreational Vehicle				
Heating Systems	53.1	+ 1.5	235.5	+ 0.3
Major Appliances				
Residential Ranges				
Gas	597.9	+ 0.4	2,167.3	+ 1.2
Electric	850.5	+ 0.4	3,201.7	- 4.3
Residential Water Heaters				
Gas[c]	1,071.0	+ 2.9	3,956.5	+ 0.1
Electric[c]	873.6	+ 4.2	3,333.5	- 1.9
Commercial Water Heaters				
Gas[c]	N/A	N/A	N/A	N/A
Electric[c]	5.1	+ 10.9	19.0	+ 3.5
Clothes Dryers				
Gas	271.9	+ 3.7	1,046.8	+ 1.0
Electric	904.5	+ 0.3	3,553.9	- 1.3
HOUSING				
Total Housing Starts	342.0	- 0.3	1,488.0	- 8.1
Single-Family Starts	244.0	+ 3.0	1,081.0	- 5.6
Total Housing Completions (private)	409.0	- 5.3	1,529.0	- 8.4
Mobile Home Shipments	51.6	- 3.6	218.3	- 6.3

[a]Compared with same period in 1987.
[b]Past twelve months compared with same period a year ago.
[c]Data not expanded.

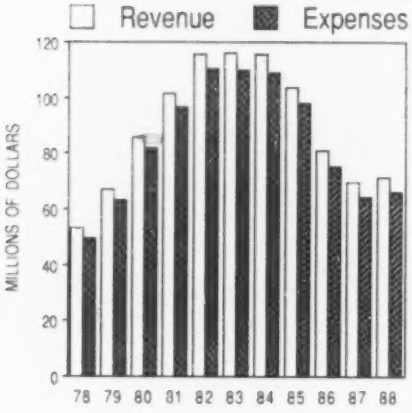
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
Association of Home Appliance Manufacturers, Newsline.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends

Fourth Quarter Select Statistics

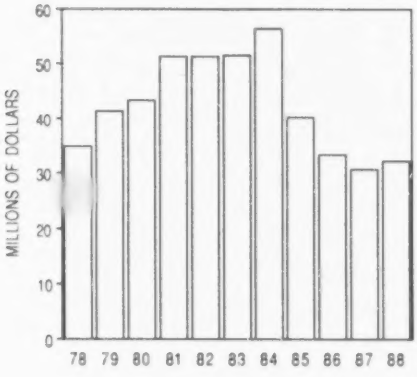
TOTAL OPERATING REVENUES & EXPENSES

12 MONTH PERIOD

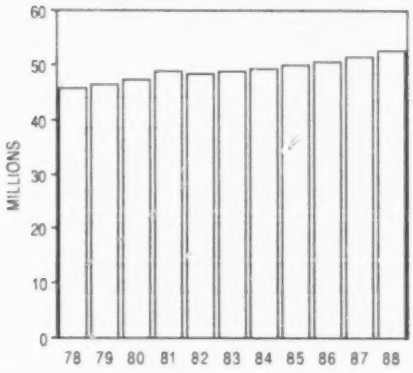


NET INCOME

12 MONTH PERIOD

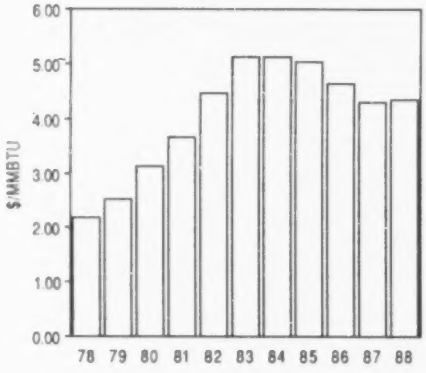


TOTAL GAS CUSTOMERS

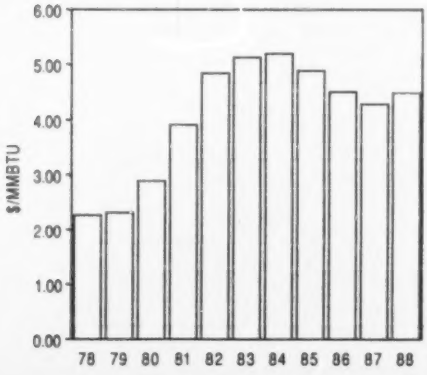


TOTAL INDUSTRY PRICES

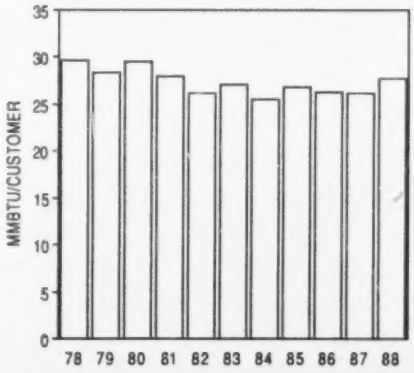
12 MONTH PERIOD



TOTAL INDUSTRY PRICES

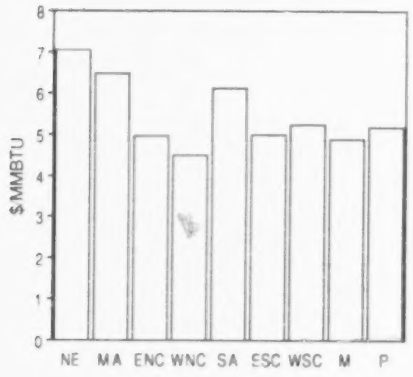


RESIDENTIAL CONSUMPTION

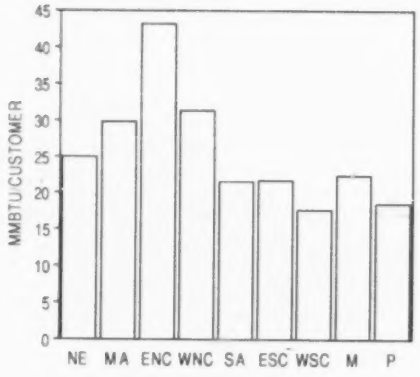


Fourth Quarter Select Statistics

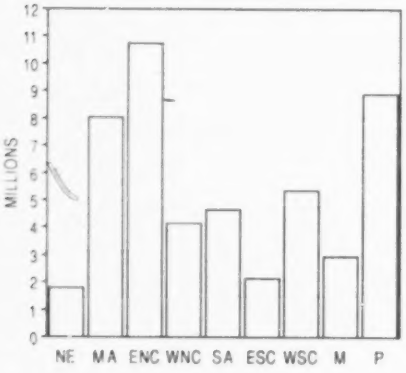
RESIDENTIAL PRICES



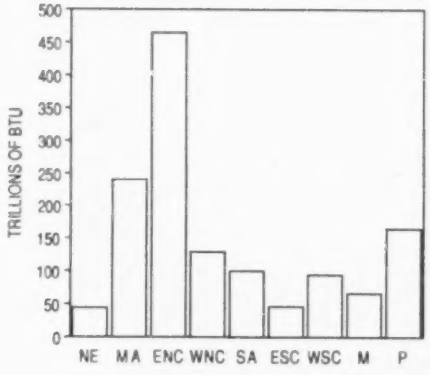
RESIDENTIAL CONSUMPTION



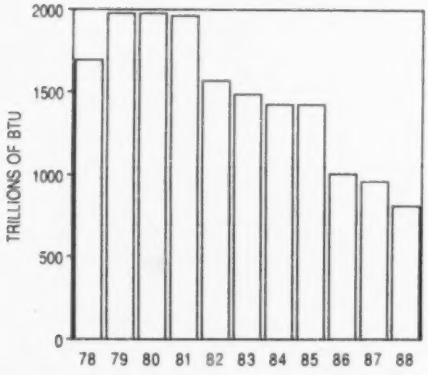
RESIDENTIAL CUSTOMERS



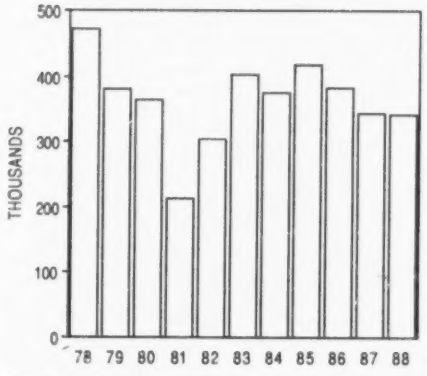
RESIDENTIAL SALES



INDUSTRIAL SALES



TOTAL HOUSING STARTS*



*Dept. of Commerce Housing Starts

AMERICAN GAS ASSOCIATION
EDITOR: Carole Williams-Hopkins (703) 841-8507

A1775-81

AGA American Gas Association

Planning and Analysis

Gas Stats

Quarterly Report of Gas Industry Operations

Department of Statistics
1515 Wilson Boulevard
Arlington, Virginia 22209

First Quarter 1989

Part 1. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending March 31, 1989 were $70,953 million, a 0.3 percent increase from the same period a year ago. At the same time, operating expenses increased 2.4 percent to $67,083 million. Total interest expense increased 8.0 percent during the period and net income decreased 12.3 percent.

Prices

Average U.S. residential gas prices rose from $4.95/MMBtu in the first quarter 1988 to $5.22/MMBtu in the first quarter 1989, a 5.5 percent increase. Commercial gas prices increased 3.4 percent while industrial prices decreased 2.5 percent during the same period.

Customers, Sales, Revenues

The total number of customers in the first quarter 1989 increased 1.7 percent over the first quarter 1988 to 53,551,900.

Total sales in the first quarter 1989 decreased 5.8 percent from the first quarter 1988, while the twelve months ending March 31, 1989 recorded a decrease of 3.5 percent from the twelve months ending March 31, 1988.

First quarter 1989 total revenues decreased 1.7 percent from the first quarter 1988, while total revenues for the twelve months ending March 31, 1989 decreased 0.8 percent from the same period ending March 31, 1988.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT
(Millions of Dollars)

	Twelve Months Ended 03/31/89		Twelve Months Ended 03/31/88		Percent Change 03/31/88-89
Total Operating Revenues		$ 70,953		$ 70,741	+ 0.3
Operating Expenses:					
Operation Expenses	$ 56,326		$ 55,439		+ 1.6
Maintenance Expenses	1,737		1,703		+ 2.0
Depreciation, Retirement, Depletion, Amortization, etc.	3,521		3,272		+ 7.6
Federal Income Taxes	2,875		1,905		+ 50.9
All Other Taxes	2,624		3,196		- 17.9
Total Operating Expenses		67,083		65,515	+ 2.4
Operating Income		3,870		5,226	- 25.9
Other Income - Net		3,094		1,816	+ 70.4
Income Before Interest Charges		6,964		7,042	- 1.1
Interest on Long-term Debt		2,863		2,818	+ 1.6
Other Interest Expense (Net)		1,330		1,064	+ 25.0
Total Interest Expense		$ 4,193		$ 3,882	+ 8.0
Net Income		$ 2,771		$ 3,160	- 12.3

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

Table 1—Gas Utility Industry Customers, Sales and Revenues, United States, **FIRST** Quarter 1989

	Quarter Ending March 31		Percent	Twelve Months Ending March 31		Percent
	1989	1988	Change	1989	1988	Change
CUSTOMERS (Thousands)						
Residential	49,109.3	48,290.0	+ 1.7	SEE		
Commercial	4,210.1	4,121.1	+ 2.2			
Industrial	176.9	178.0	- 0.6		QUARTERLY	
Electric Generation	0.5	0.5	-			
Other	55.1	54.5	+ 1.1			
TOTAL	53,551.9	52,644.1	+ 1.7			DATA
SALES (Trillions of Btu)						
Residential	2,151.6	2,231.2	- 3.6	4,667.8	4,605.2	+ 1.4
Commercial	960.7	1,008.6	- 4.7	2,257.9	2,245.3	+ 0.6
Industrial	622.4	718.6	- 13.4	2,155.1	2,335.8	- 7.7
Electric Generation	208.8	229.2	- 8.9	1,208.9	1,473.2	- 17.9
Other	58.2	60.2	- 3.3	155.5	160.4	- 3.1
TOTAL	4,001.7	4,247.8	- 5.8	10,445.2	10,819.9	- 3.5
REVENUES (Thousands $)						
Residential	11,229,555	11,039,131	+ 1.7	25,348,263	24,340,271	+ 4.1
Commercial	4,659,263	4,728,792	- 1.5	10,713,434	10,634,720	+ 0.7
Industrial	1,938,141	2,290,394	- 15.4	6,386,661	7,226,350	- 11.6
Electric Generation	498,585	597,184	- 16.5	3,042,673	3,691,557	- 17.6
Other	238,927	220,928	+ 8.1	559,140	539,756	+ 3.6
TOTAL	18,564,471	18,876,429	- 1.7	46,050,171	46,432,654	- 0.8

Table 2—Gas Utility Industry Customers, Sales and Revenues, By Division, **FIRST** Quarter 1989

New England Division

Middle Atlantic Division

East North Central Division

	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent	Quarter Ending March 31		Percent
	1989	1988	Change	1989	1988	Change	1989	1988	Change
CUSTOMERS (Thousands)									
Residential	1,821.7	1,787.4	+ 1.9	8,092.6	7,989.5	+ 1.3	10,901.1	10,730.5	+ 1.6
Commercial	172.9	164.8	+ 4.9	658.9	639.8	+ 3.0	913.9	892.5	+ 2.4
Industrial	9.0	8.9	0.7	24.5	25.3	- 3.0	49.4	48.7	+ 1.5
Electric Generation	*	*	-	*	*	-	0.1	0.1	-
Other	4.4	4.4	- 1.4	11.4	11.3	+ 0.7	4.1	4.1	- 0.3
TOTAL	2,007.9	1,965.5	+ 2.2	8,787.4	8,665.9	+ 1.4	11,868.6	11,675.9	+ 1.7
SALES (Trillions of Btu)									
Residential	81.2	79.0	+ 2.7	370.1	379.0	- 2.3	645.7	692.7	- 6.8
Commercial	43.1	41.1	+ 5.0	146.1	146.8	- 0.5	238.8	267.1	- 10.6
Industrial	14.4	15.2	- 5.3	57.6	78.0	- 26.2	96.5	113.9	- 15.3
Electric Generation	1.5	0.9	+ 68.5	2.9	3.1	- 6.5	0.7	0.9	- 21.7
Other	0.9	0.9	+ 3.6	13.7	14.5	- 5.8	4.1	4.5	- 9.9
TOTAL	141.1	137.1	+ 2.9	590.4	621.4	- 5.0	985.8	1,079.1	- 8.6
REVENUES (Thousands $)									
Residential	558,794	512,373	+ 9.1	2,256,156	2,130,660	+ 5.9	3,239,880	3,236,651	+ 0.1
Commercial	256,858	238,738	+ 7.6	857,084	800,639	+ 7.1	1,120,053	1,172,094	- 4.4
Industrial	71,636	72,682	- 1.4	252,117	307,911	- 18.1	380,565	426,834	- 10.8
Electric Generation	3,597	2,072	+ 73.6	10,283	9,500	+ 8.2	2,745	3,699	- 25.8
Other	5,185	4,879	+ 6.3	71,328	68,289	+ 4.5	15,719	16,463	- 4.5
TOTAL	896,070	830,744	+ 7.9	3,446,968	3,316,999	+ 3.9	4,758,970	4,855,741	- 2.0

*Less than 50 customers.

Table 2—Continued

West North Central Division

	Quarter Ending December 31		Percent Change
	1988	1987	
CUSTOMERS (Thousands)			
Residential	4,146.4	4,089.6	+ 1.4
Commercial	440.0	432.0	+ 1.9
Industrial	12.6	12.6	+ 0.1
Electric Generation	0.2	0.2	- 9.9
Other	1.9	1.9	0.0
TOTAL	4,601.1	4,536.3	+ 1.4
SALES (Trillions of Btu)			
Residential	129.6	119.4	+ 8.5
Commercial	72.2	70.1	+ 3.0
Industrial	45.1	65.0	- 30.6
Electric Generation	1.6	2.6	- 38.5
Other	1.4	1.5	- 8.7
TOTAL	249.9	258.6	- 3.4
REVENUES (Thousands $)			
Residential	581,136	527,874	+ 10.1
Commercial	292,416	271,409	+ 7.7
Industrial	138,366	191,061	- 27.6
Electric Generation	4,426	6,850	- 35.4
Other	5,010	4,970	+ 0.8
TOTAL	1,021,354	1,002,164	+ 1.9

South Atlantic Division

	Quarter Ending December 31		Percent Change
	1988	1987	
CUSTOMERS (Thousands)			
Residential	4,637.4	4,227.7	+ 9.7
Commercial	425.7	384.5	+ 10.7
Industrial	18.6	17.7	+ 5.1
Electric Generation	*	*	-
Other	7.8	8.5	- 8.3
TOTAL	5,089.5	4,638.4	+ 9.7
SALES (Trillions of Btu)			
Residential	100.0	86.0	+ 16.3
Commercial	67.6	62.9	+ 7.4
Industrial	81.1	86.2	- 5.9
Electric Generation	9.8	43.4	- 77.4
Other	1.6	2.2	- 25.6
TOTAL	260.1	280.7	- 7.4
REVENUES (Thousands $)			
Residential	612,954	513,663	+ 19.3
Commercial	340,419	305,747	+ 11.3
Industrial	268,976	296,164	- 9.2
Electric Generation	28,006	116,934	- 76.0
Other	7,161	7,727	- 7.3
TOTAL	1,257,516	1,240,235	+ 1.4

East South Central Division

	Quarter Ending December 31		Percent Change
	1988	1987	
CUSTOMERS (Thousands)			
Residential	2,161.8	2,117.3	+ 2.1
Commercial	228.8	223.0	+ 2.6
Industrial	6.1	6.2	- 0.8
Electric Generation	*	*	-
Other	11.9	12.0	- 0.4
TOTAL	2,408.6	2,358.5	+ 2.1
SALES (Trillions of Btu)			
Residential	47.2	44.9	+ 5.1
Commercial	30.1	29.6	+ 1.8
Industrial	42.0	44.9	- 6.4
Electric Generation	0.2	0.6	- 70.8
Other	3.4	3.3	+ 3.0
TOTAL	122.9	123.3	- 0.3
REVENUES (Thousands $)			
Residential	236,221	229,832	+ 2.8
Commercial	131,512	130,507	+ 0.8
Industrial	125,520	133,988	- 6.3
Electric Generation	483	2,150	- 77.5
Other	13,074	12,755	+ 2.5
TOTAL	506,810	509,232	- 0.5

*Less than 50 customers.

West South Central Division

	Quarter Ending December 31		Percent Change
	1988	1987	
CUSTOMERS (Thousands)			
Residential	5,373.2	5,331.1	+ 0.8
Commercial	479.4	482.7	- 0.7
Industrial	17.8	18.2	- 2.3
Electric Generation	0.1	0.1	-
Other	8.8	8.5	+ 3.1
TOTAL	5,879.3	5,840.6	+ 0.7
SALES (Trillions of Btu)			
Residential	95.3	103.5	- 7.9
Commercial	52.1	56.7	- 8.0
Industrial	158.6	163.7	- 3.1
Electric Generation	123.1	132.6	- 7.2
Other	22.6	20.6	+ 9.6
TOTAL	451.7	477.1	- 5.3
REVENUES (Thousands $)			
Residential	497,700	508,168	- 2.1
Commercial	233,737	241,864	- 3.4
Industrial	343,140	319,200	+ 7.5
Electric Generation	260,259	269,978	- 3.6
Other	61,311	48,892	+ 25.4
TOTAL	1,396,147	1,388,102	+ 0.6

Mountain Division

	Quarter Ending December 31		Percent Change
	1988	1987	
CUSTOMERS (Thousands)			
Residential	2,961.8	2,862.2	+ 3.5
Commercial	300.8	291.1	+ 3.3
Industrial	4.8	4.6	+ 3.9
Electric Generation	0.1	0.1	-
Other	3.4	3.3	+ 3.0
TOTAL	3,270.9	3,161.3	+ 3.5
SALES (Trillions of Btu)			
Residential	66.7	60.2	+ 10.9
Commercial	42.9	40.0	+ 7.2
Industrial	18.1	17.2	+ 5.1
Electric Generation	1.8	2.1	- 13.0
Other	3.0	3.1	- 4.7
TOTAL	132.5	122.6	+ 8.1
REVENUES (Thousands $)			
Residential	325,727	294,429	+ 10.6
Commercial	181,331	171,699	+ 5.6
Industrial	52,344	57,515	- 9.0
Electric Generation	5,993	7,980	- 24.9
Other	11,322	10,665	+ 6.2
TOTAL	576,717	542,288	+ 6.3

Pacific Division

	Quarter Ending December 31		Percent Change
	1988	1987	
CUSTOMERS (Thousands)			
Residential	8,895.4	8,681.8	+ 2.5
Commercial	525.9	519.8	+ 1.2
Industrial	35.6	36.1	- 1.5
Electric Generation	*	*	-
Other	0.1	0.1	0.0
TOTAL	9,457.0	9,237.8	+ 2.4
SALES (Trillions of Btu)			
Residential	165.3	145.3	+ 13.8
Commercial	69.6	65.2	+ 6.7
Industrial	83.5	83.1	+ 0.5
Electric Generation	93.1	135.7	- 31.4
Other	0.8	0.7	+ 13.7
TOTAL	412.3	430.0	- 4.1
REVENUES (Thousands $)			
Residential	853,864	745,342	+ 14.6
Commercial	360,550	355,362	+ 1.5
Industrial	262,986	291,720	- 9.8
Electric Generation	293,020	370,677	- 20.9
Other	3,110	2,717	+ 14.5
TOTAL	1,773,530	1,765,818	+ 0.4

*Less than 50 customers.

Average Gas Prices for the First Quarter 1989

($/MMBtu)

	Residential		Commercial		Industrial		Electric Generation	
	1st Qtr 1989	Percent Change*	1st Qtr 1989	Percent Change*	1st Qtr 1989	Percent Change*	1st Qtr 1989	Percent Change*
US	5.22	+ 5.5	4.85	+ 3.4	3.11	- 2.5	2.39	- 8.4
NE	6.89	+ 6.2	5.96	+ 2.6	4.97	+ 4.0	2.40	+ 4.3
MA	6.10	+ 8.5	5.87	+ 7.7	4.38	+ 10.9	3.55	+ 16.0
ENC	5.02	+ 7.5	4.69	+ 6.8	3.94	+ 5.1	3.92	- 4.6
WNC	4.26	- 0.7	4.01	- 1.2	3.19	0.0	2.96	- 3.6
SA	5.83	+ 3.4	5.08	+ 3.5	3.68	+ 5.4	2.83	- 0.7
ESC	4.83	- 0.2	4.43	- 8.1	3.29	+ 4.1	3.59	+ 21.7
WSC	4.61	+ 4.1	4.33	+ 3.6	2.08	+ 4.5	2.04	- 7.7
M	4.36	- 1.1	4.02	- 1.9	3.36	- 2.3	3.00	- 0.7
P	5.41	+ 4.8	5.30	- 0.6	2.52	- 29.6	2.47	- 12.4

*Compared with the same quarter in 1988.

Average Gas Prices for the Year Ending
March 31, 1989
($/MMBtu)

	Residential		Commercial		Industrial		Electric Generation	
	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*	Price	Percent Change*
US	5.43	+ 2.7	4.74	+ 0.2	2.96	- 4.2	2.52	+ 0.4
NE	6.98	+ 2.8	5.55	- 2.0	3.68	- 10.2	2.60	+ 10.6
MA	6.36	+ 2.9	5.51	+ 1.3	3.87	+ 0.5	2.86	+ 4.7
ENC	5.12	+ 3.8	4.64	+ 3.4	3.82	+ 2.5	3.58	- 2.2
WNC	4.50	- 0.2	3.99	+ 0.5	2.98	- 0.9	2.72	+ 1.9
SA	6.10	+ 2.7	4.98	+ 1.0	3.32	- 3.9	2.56	- 6.8
ESC	5.16	- 0.7	4.44	- 5.2	2.95	- 2.6	2.50	- 20.0
WSC	5.10	+ 4.2	4.42	+ 4.5	2.19	+ 8.3	2.35	+ 3.4
M	4.77	0.0	4.18	- 0.7	3.13	- 5.9	3.13	+ 3.7
P	5.35	+ 2.6	4.92	- 9.3	2.67	- 24.1	2.64	- 1.8

*Compared with the same year ending, March 31, 1988.

APPLIANCE AND HOUSING STATISTICS
(Thousands)

APPLIANCE SHIPMENTS	1989 First Quarter	Percent Change[a]	Past Twelve Months	Percent Change[b]
Central Heating Equipment				
Warm Air Furnaces				
Gas	461.7	+ 5.1	2,114.4	+ 3.5
Oil[c]	37.4	- 5.9	201.4	- 1.6
Electric	74.8	- 1.9	291.6	- 16.7
Boilers				
Gas	36.2	- 9.2	207.7	+ 12.6
Oil[c]	25.4	- 7.7	142.1	+ 8.2
Other Gas Heating Equipment				
Wall Furnaces	35.3	+ 15.6	178.0	+ 11.0
Floor Furnaces	3.0	- 8.6	20.0	+ 4.2
Recreational Vehicle Heating Systems	62.3	+ 1.7	236.5	+ 1.3
Major Appliances				
Residential Ranges				
Gas	508.1	+ 0.3	2,141.8	+ 0.1
Electric	742.9	+ 1.8	3,154.3	- 3.5
Residential Water Heaters				
Gas[c]	1,039.7	+ 3.0	3,986.9	- 0.1
Electric[c]	840.3	+ 1.5	3,346.2	- 0.2
Commercial Water Heaters				
Gas[c]	28.9	+ 0.9	108.9	N/A
Electric[c]	5.9	+ 37.1	20.6	+ 13.8
Clothes Dryers				
Gas	273.7	+ 4.1	1,057.6	+ 2.1
Electric	941.1	+ 4.2	3,591.6	+ 0.4
HOUSING				
Total Housing Starts	304.0	+ 2.4	1,495.0	- 4.7
Single-Family Starts	213.0	- 3.2	1,074.0	- 4.4
Total Housing Completions (private)	323.0	- 2.4	1,521.0	- 6.1
Mobile Home Shipments	48.1	+ 2.3	219.4	- 3.8

[a]Compared with same period in 1988.
[b]Past twelve months compared with same period a year ago.
[c]Data not expanded.

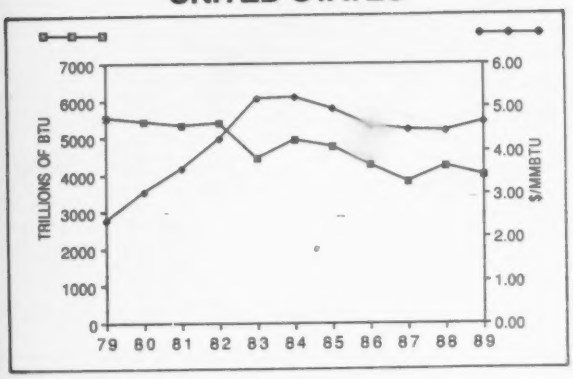
Sources: Gas Appliance Manufacturers Association, Statistical Highlights.
Association of Home Appliance Manufacturers, Newsline.

Part II. Gas Utility Industry Historical Trends

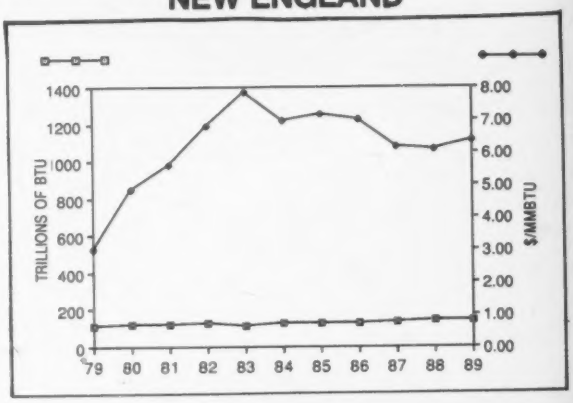
FIRST QUARTER GAS UTILITY SALES & PRICES

SALES PRICES

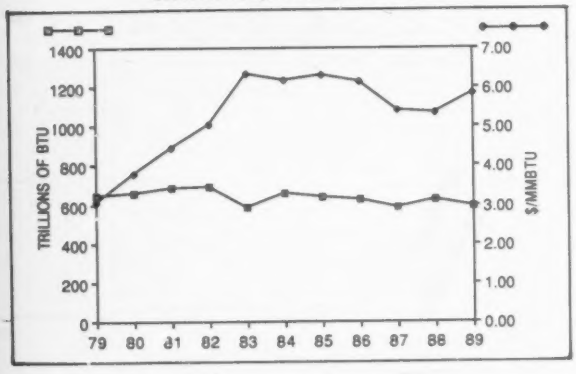
UNITED STATES



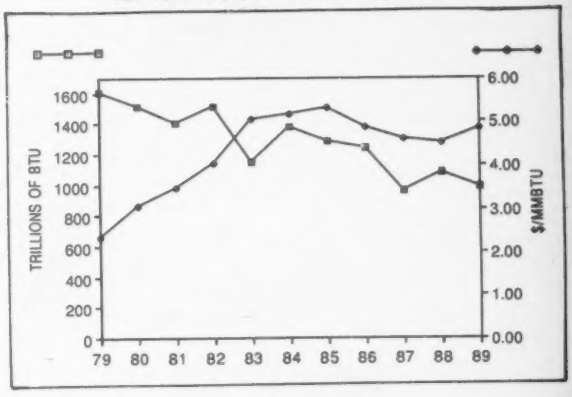
NEW ENGLAND



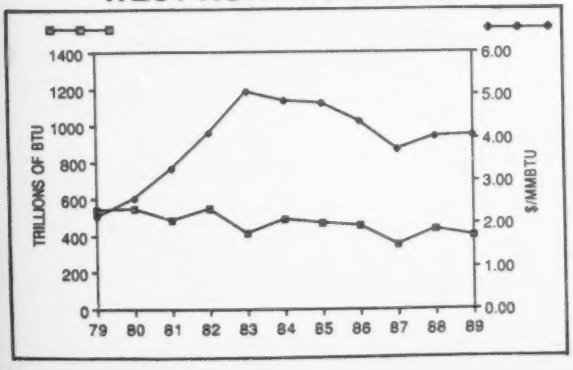
MIDDLE ATLANTIC



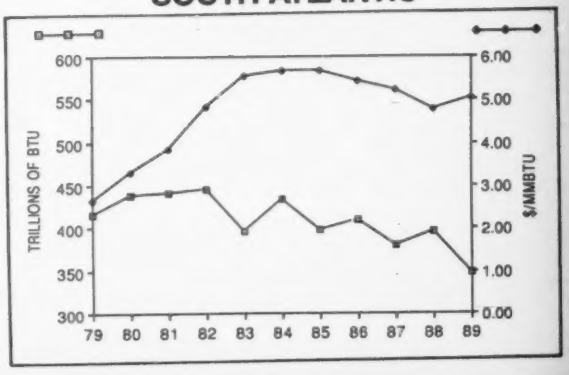
EAST NORTH CENTRAL



WEST NORTH CENTRAL



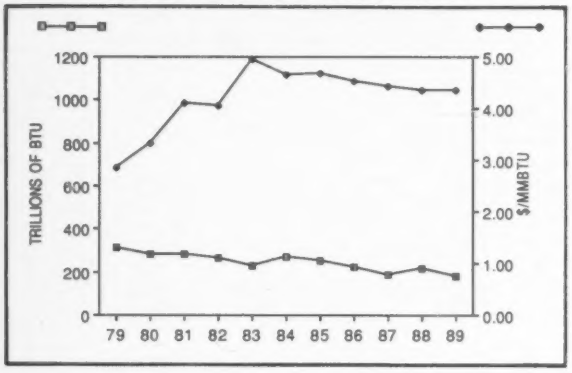
SOUTH ATLANTIC



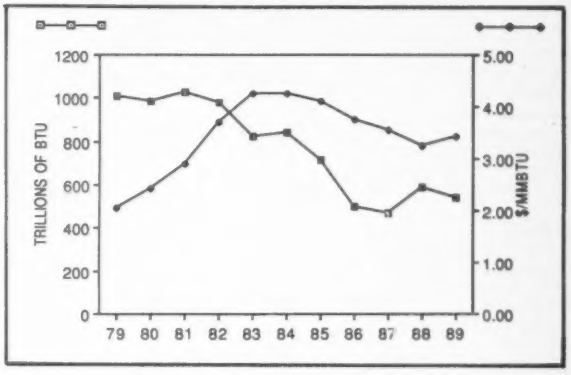
FIRST QUARTER GAS UTILITY SALES & PRICES

SALES PRICES

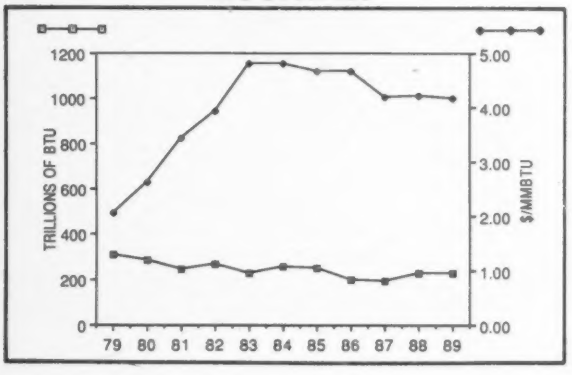
EAST SOUTH CENTRAL



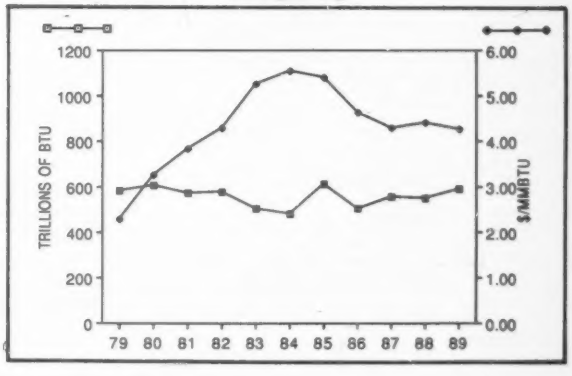
WEST SOUTH CENTRAL



MOUNTAIN



PACIFIC



AMERICAN GAS ASSOCIATION
Department of Statistics
1515 Wilson Boulevard
Arlington, Virginia 22209

Editor—Carole Williams-Hopkins
703/841-8507